

**WESTINGHOUSE ELECTRIC CORP.
DISTRIBUTION AND CONTROL BUSINESS UNIT
5 PARKWAY CENTER
PITTSBURGH, PA. 15220
1-800-WES-KITS**

**SL 33-G2K-1
DEC. 30, 1996**

SUPPLEMENTAL INSTRUCTIONS FOR IL33-856-2

FOR BREAKERS: General Electric *AK-1-100, AK-2/2A-100, AK-3/3A-100*

1. Use IL33-856-2 (G.E. AK-2-50) when retrofitting General Electric AK-1-100, AK-2/2A-100, and AK-3/3A-100 breakers.

FOR BREAKER: General Electric *AK-3/3A-100* only

2. When retrofitting General Electric AK-3/3A-100 breakers, substitute the following:

- Step 2a (page 1): Carefully lay the breaker over on it's right side to provide access to it's underside.
- Step 2b: Disconnect and remove the all wiring between the Electronic Trip Unit, the current sensors on the bottom studs, and the Direct Trip Actuator (DTA).
- Step 2c: Remove and scrap the sensors and mountings from each of the bottom studs.
- Step 2d: Carefully stand the breaker back in it's original upright position.
- Step 2e: Remove and scrap the Electronic Trip Unit, the DTA, the reset links, and all associated mounting brackets.

FOR BREAKERS: General Electric *AK-1-100, AK-2/2A-100, AK-3/3A-100*

3. Substitute the following when retrofitting General Electric AK-1-100, AK-2/2A-100, or AK-3/3A-100 breakers:

- Step 3a (page 1): Use the hardware provided to install the Sensor Mounting Angle on the top rear of the breaker similar to what is shown in IL33-856-2.
- Step 3b: Slide one current sensor over each of the top studs. Orient the sensors such that the labels are facing out and the terminals are facing down.
- Step 3b: Attach each sensor to the mounting angle with three spacers between on both ends.
- Step 5g: Do not use sensor style number 8257A67H01. This sensor is for the General Electric AK-2/2A-50 retrofit only. Use the following:

Sensor Style No. 8257A69H01
X1 - X2 = 4000 A

4. Revise the Digtirp Retrofit Kit components list on pages 7 and 8 of IL33-856-2 as follows:

- Step 2: Not Required.
- Step 3: Change sensor style number from 8257A67H01 to 8257A68H01
Change Sensor Mounting Angle from 6503C68H01 to 6504C97H01
Add Sensor Mounting parts 8258A98G04
- Step 4: Add Auxiliary CT Module Assy parts 8258A98G05
- Step 5: Add Sensor Harness parts 8258A98G06
- Step 8: Add Trip Unit Assembly parts 8258A98G07
- Step 9: Add Harness Mounting parts 8258A98G08